

Converting Colors

XYZ(52.4338, 60.5020,
103.5222)

Have a look what the booklet for
XYZ(52.4338, 60.5020, 103.5222)
contains.

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Color

**XYZ(52.5778, 60.7164,
103.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD6FF
RGB	138, 214, 255
RGB Percent	54%, 84%, 100%
CMY	0.4588, 0.1608, 0.0000
CMYK	0.46, 0.16, 0.00, 0.00
HSL	201°, 100%, 77%
HSV	201°, 46%, 100%
XYZ	52.5778, 60.7164, 103.5560
YIQ	195.9500, -58.4570, -3.3610

Conversions

Conversions Part 2

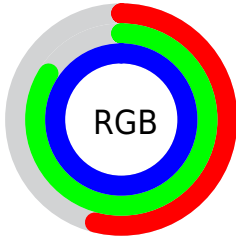
Format	Color
R _Y B	138, 184, 255
Decimal	9099007
CIE Lab	82.23, -12.94, -27.33
CIE LCh	82, 30.237, 244.662
Yxy	60.7164, 0.2425, 0.2800
Android (android.graphics.Color)	4287289087 (0xFF8AD6FF)
YUV	195.9500, 29.1117, -50.8221
Hunter-Lab	77.9207, -15.9166, -24.2514

Details

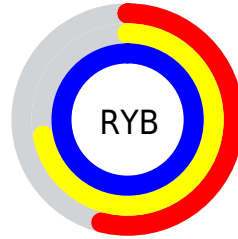
The XYZ color **52.5778, 60.7164, 103.5560** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **61.9483, 55.3361, 31.4627**, and the grayscale version is **52.2972, 55.0207, 59.9175**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **25.8156, 30.5358, 57.9594** is the 20% darker color. If you saturate the color by 10%, you get **46.6441, 54.3931, 102.6483**, and if you desaturate by 10%, it is **59.6293, 67.8027, 104.5522**.

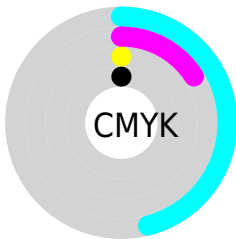
Distribution



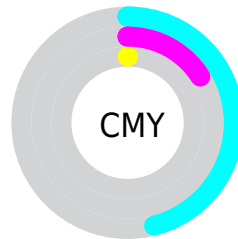
- Red (54%)
- Green (84%)
- Blue (100%)



- Red (54%)
- Yellow (72%)
- Blue (100%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5778, 60.7164, 103.5560 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 52.5778, 60.7164, 103.5560 by changing the saturation by 10% instead.

■ 52.5778, 60.7164,
103.5560

■ 52.5778, 60.7164,
103.5560

386.9506,
427.2334, 592.8781

■ 37.6920, 43.9963,
78.6402

■ 93.1520, 105.8682,
168.1298

■ 25.9198, 30.6676,
58.0805

■ 119.5711,
135.0687, 208.6248

■ 16.8960, 20.3459,
41.4582

150.5653,
169.1982, 255.1501

■ 10.2552, 12.6467,
28.3549

186.5000,
208.6410, 308.1241

■ 5.6321, 7.1857,
18.3520

227.7405,
253.7815, 367.9654

■ 2.6612, 3.5785,
11.0310

274.6522,

■ 0.9772, 1.4407,

305.0041, 435.0924

5.9732

327.6005,
362.6933, 509.9238

■ 0.0000, 0.2464,
2.7603

■ 0.0000, 0.0000,
0.9736

■ 52.5778, 60.7164,
103.5560

■ 52.5778, 60.7164,
103.5560

■ 46.6441, 54.3931,
102.6483

■ 59.6293, 67.8027,
104.5522

■ 41.7508, 48.7861,
101.8239

■ 67.8589, 75.6821,
105.6393

■ 37.8178, 43.8524,
101.0789

■ 77.3284, 84.3905,
106.8211

■ 34.7502, 39.5400,
100.4082

■ 88.0936, 93.9594,
108.1007

■ 32.4302, 35.7851,
99.8057

95.0500, 100.0000,
108.9000

■ 31.6217, 34.3634,
99.5739

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.1249, 60.7164, 88.3632



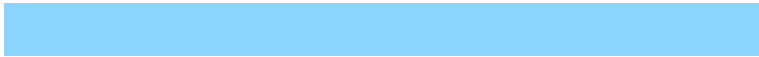
52.5778, 60.7164, 103.5560



58.7199, 60.7164, 108.0563

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.5778, 60.7164, 103.5560



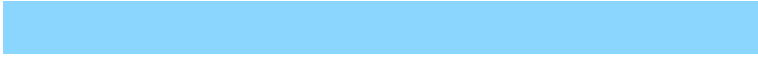
70.9305, 60.7164, 63.2733



50.9589, 60.7164, 41.0519

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.5778, 60.7164, 103.5560



61.9483, 55.3361, 31.4627

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.7100, 60.7164, 36.7245



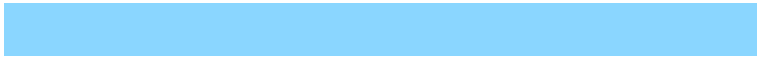
52.5778, 60.7164, 103.5560



68.4881, 60.7164, 47.9465

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.5778, 60.7164, 103.5560



69.6208, 60.7164, 82.4514



63.1639, 60.7164, 38.9925



47.2400, 60.7164, 52.0841

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.5778, 60.7164, 103.5560



63.0236, 60.7164, 103.7943



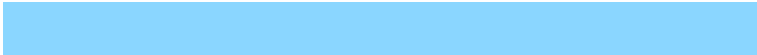
63.1639, 60.7164, 38.9925



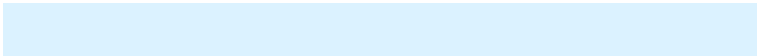
52.7021, 60.7164, 38.8685

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.5796, 60.7186, 103.5564



79.2520, 86.1231, 107.0541



54.3741, 80.1765, 55.2330



16.4915, 18.0089, 22.8568



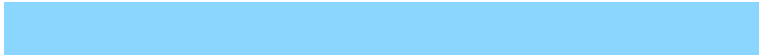
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.5796, 60.7186, 103.5564



47.1237, 54.9205, 102.7248



40.3460, 36.2514, 99.4785



17.9878, 19.3472, 23.0363



16.6684, 18.2465, 52.0780



1.7255, 1.9818, 5.1048

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.4673, 44.2937, 68.8778



58.4652, 37.9137, 62.5365



76.2427, 83.9249, 36.2275



18.5065, 18.1859, 21.2843



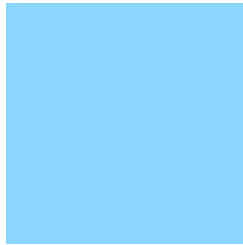
25.2017, 12.5700, 20.2442



2.5056, 1.2446, 2.2438

Previews

White Background



This preview shows how the XYZ color 52.5778, 60.7164, 103.5560 looks on a white background.

Color Contrast Check

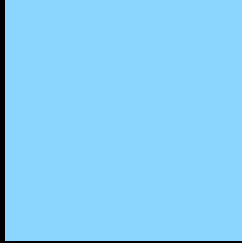
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 52.5778, 60.7164, 103.5560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

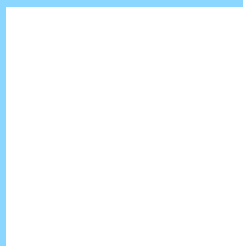
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5778, 60.7164, 103.5560

Background



This preview shows how black text looks on a background with the XYZ color 52.5778, 60.7164, 103.5560.

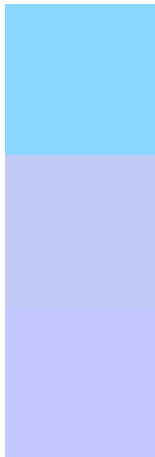


This preview shows how white text looks on a background with the XYZ color 52.5778, 60.7164,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.5778, 60.7164, 103.5560

Protanopia

60.0032, 60.3642, 95.6777

Deuteranopia

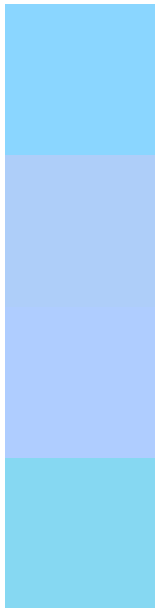
61.4692, 60.2643, 103.0001



Tritanopia

49.3240, 60.5294, 87.6810

Trichromacy



Original Color

52.5778, 60.7164, 103.5560

Protanomaly

56.6257, 59.9808, 98.2155

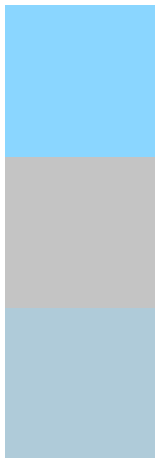
Deuteranomaly

57.5605, 59.9966, 103.1545

Tritanomaly

50.4144, 60.5909, 93.0425

Monochromacy



Original Color

52.5778, 60.7164, 103.5560

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.5595, 56.8356, 73.8985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5778, 60.7164, 103.5560 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 214, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.5778, 60.7164, 103.5560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 214, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 214, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(138, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5778, 60.7164, 103.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 214, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138,  
214, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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